



>>Entry Name: Isopropoxytrimethylsilane

Synonym(s): Isopropyl trimethylsilyl ether. 2-(Trimethylsilyloxy)propane

CAS Registry Number: 1825-64-5

$\text{Me}_3\text{SiOCHMe}_2$

Molecular Formula: $\text{C}_6\text{H}_{16}\text{OSi}$

Molecular Weight: 132.277

Accurate Mass: 132.097042

Percentage Composition: C 54.48%; H 12.19%; O 12.10%; Si 21.23%

Source/Synthesis: Synth. from Pr^iOH + Me_3SiCl

Physical Description: Liq.

Boiling Point: Bp 88°

Refractive Index: n_D^{20} 1.3788

Aldrich: 38039-3

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 658B, (*nmr*)

Abel, E.W., *J.C.S.*, 1961, 4933, (*synth*)

Gerval, P. *et al.*, *J. Organomet. Chem.*, 1971, **31**, 329, (*synth*)

Lukevits, E.Y. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1972, **11**, 2431; *CA*, **78**, 96973, (*ir*)

Bordeau, M. *et al.*, *J. Organomet. Chem.*, 1973, **59**, 125, (*struct*)

Schraml, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1976, **41**, 360, (*cmr*, *Si-29 nmr*)